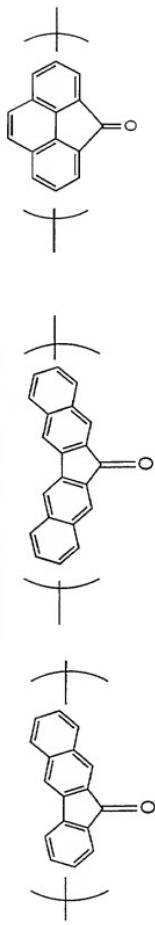


Poly(cyclopenta[def]fluorene-4,8-dione)  
Poly(9-fluorenone)

FIG. 1.a



Poly(benzo[b]fluoren-11-one)      Poly(dibenzo[b,h]fluoren-12-one)      Poly(8*H*-cyclopenta[def]fluoren-4-one)

Poly(dibenzo[b,h]fluoren-12-one)

Poly(cyclopenta[def]phenanthren-4-one)

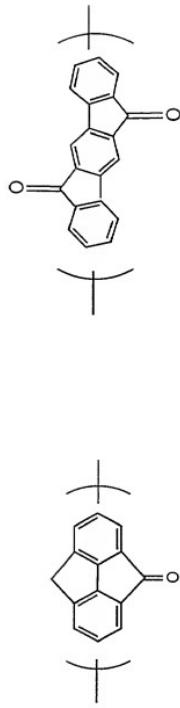


FIG. 1b

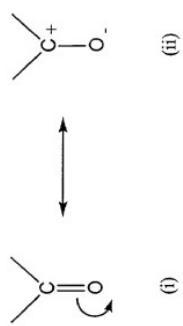


FIG. 2

Transition Structures

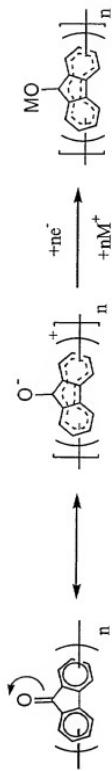


FIG. 3a

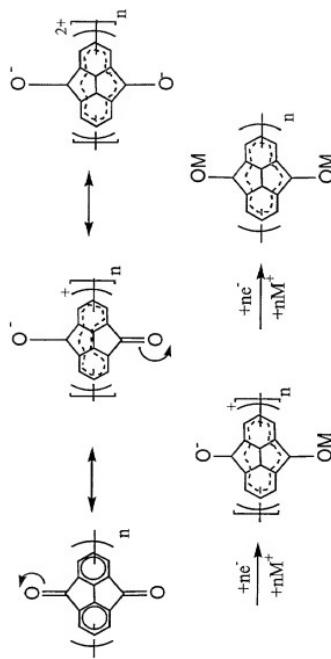


FIG. 3b

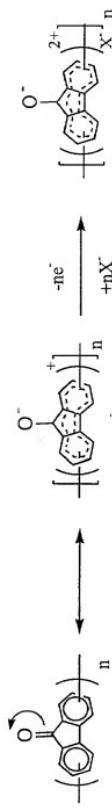


FIG. 4a

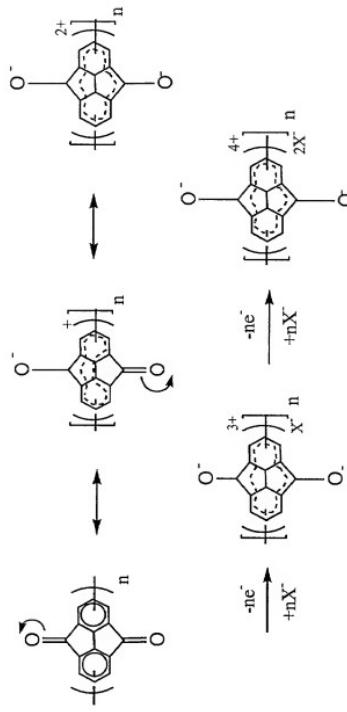
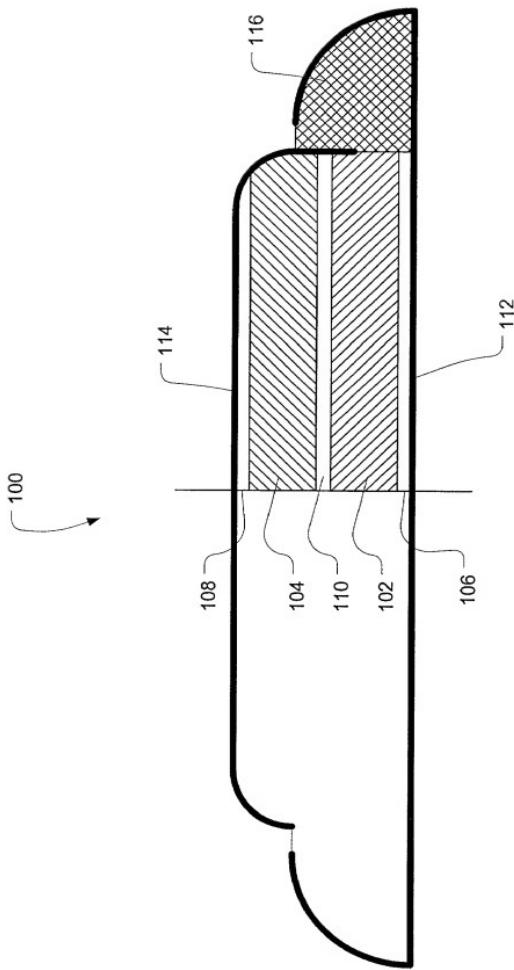


FIG. 4b

FIG. 5



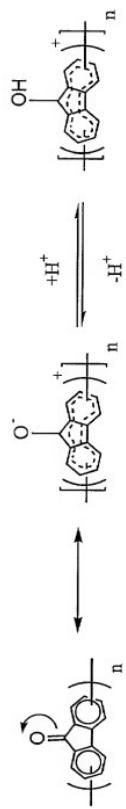


FIG. 6

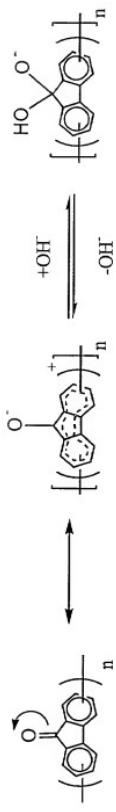


FIG. 7